

WHAT IS CLAIMED IS:

~~1. An exhaust gas purifying catalyst comprising:  
a zirconium complex oxide on which rhodium and platinum are  
5 previously supported, and  
a cerium complex oxide on which platinum and/or palladium are  
previously supported.~~

2. The exhaust gas purifying catalyst according to Claim 1, wherein the zirconium complex oxide comprises zirconium and cerium in the proportion of a zirconium content being more than a cerium content, and wherein the cerium complex oxide comprises cerium and zirconium in the proportion of a cerium content being more than a zirconium content.

3. The exhaust gas purifying catalyst according to Claim 2,  
wherein the zirconium complex oxide is the heat-resisting oxide  
15 expressed by the general formula (1) given below:



~~(In the formula, N represents alkali earth metal or rare earth metal, c represents oxygen vacancy, a represents a proportion of atom of 0.10-0.35, b represents a proportion of atom of 0-0.20, and 1-(a+b) represents a proportion of atom of 0.45-0.90), and~~

~~wherein the cerium complex oxide is the heat-resisting oxide  
expressed by the general formula (2) given below:~~



~~(In the formula, M represents alkali earth metal or rare earth metal, z represents oxygen vacancy, x represents a proportion of atom of 0.20-0.70, y represents a proportion of atom of 0-0.20, and 1-(x+y) represents a~~

proportion of atom of 0.10-0.80).

4. The exhaust gas purifying catalyst according to Claim 3, wherein the alkali earth metal represented by N in the general formula (1) and the alkali earth metal represented by M in the general formula (2) comprises at least one material selected from the group consisting of Mg, Ca, Sr and Ba, and wherein the rare earth metal represented by N in the general formula (1) and the rare earth metal represented by M in the general formula (2) comprises at least one material selected from the group consisting of Y, Sc, La, Pr and Nd.

5. The exhaust gas purifying catalyst according to Claim 1, which is in the form of a coating layer formed on a catalyst carrier.

10. 6. The exhaust gas purifying catalyst according to Claim 1, wherein a quantity of rhodium supported is less than 1g per liter of catalyst carrier.

15. 7. The exhaust gas purifying catalyst according to Claim 1, which further comprises alumina on which platinum and/or palladium may be supported.

20. 8. The exhaust gas purifying catalyst according to Claim 1, wherein at least a part of the zirconium complex oxide and/or the cerium complex oxide is a solid solution.

25. 9. The exhaust gas purifying catalyst according to Claim 1, wherein the platinum to be supported on the zirconium complex oxide and on the cerium complex oxide is supported in a proportion that a quantity of the platinum supported on the cerium complex oxide is in the range of 1-5 parts by weight per part by weight of the platinum supported on the zirconium complex oxide.

10. The exhaust gas purifying catalyst according to Claim 1, which is in

the form of an outermost layer of the coating layer having multiple layers and formed on the catalyst carrier.

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